

**Climatological Data for February, 1910.
DISTRICT No. 1, NORTH ATLANTIC STATES.**

WILFORD M. WILSON, District Editor.

GENERAL CLIMATOLOGICAL CONDITIONS.

The weather conditions for the month of February, 1910, were not unusual. Several storms of considerable severity occurred, particularly during the second decade, and changes in temperature were sudden and frequent, but, as a whole, the weather of the month was such as usually occurs during this season of the year. The snowfall was heavy, especially in New England, New York, and parts of Pennsylvania, and remained on the ground until near the close of the month. The high water that resulted from the melting of this large accumulation of snow during the closing days of the month was, perhaps, the most notable event.

TEMPERATURE.

The average temperature for the district was about 29° , which is nearly normal, and ranged from 34° in Virginia to 22° in New York. As a rule the average was slightly above the normal along the coast from Virginia to Maine and slightly below normal over most of the interior. The highest temperatures occurred generally on the 27th and 28th, and ranged from 74° in Maryland to 59° in New York, while the lowest occurred in various parts of the district on the 7th, 11th, 19th, and 25th, and ranged from 0° in Maryland to -31° in Vermont.

Moderate temperatures prevailed generally from the 1st to the 5th, after which a sudden change to colder occurred, which was especially pronounced over the northern sections. By the morning of the 6th temperatures of from -4° to -10° were general over New England and New York, while temperatures of 0° or below were reported as far south as Pennsylvania and New Jersey. The weather continued cold throughout the 7th with some stations in the mountain districts of New York reporting temperatures as low as -22° on that date.

Under the influence of southerly winds, resulting from the movement of a storm of considerable energy down the St. Lawrence Valley, a very rapid rise in temperature occurred during the 8th and 9th. This storm was followed by a cold wave of moderate intensity, which was, however, accompanied by a remarkable fall in temperature in the more elevated parts of New England, New York, and Pennsylvania. At Cooperstown, N. Y., the temperature fell from 36° on the 10th to -5° on the 11th; at Indian Lake, N. Y., from 38° to -29° ; and at Clearfield, Pa., from 39° to -2° , while many other points reported a fall in temperature of 30° or more on these dates.

The reaction from this cold period was rapid and began over the southern part of the district on the 12th, when a storm of great intensity passed up the Atlantic coast, reaching New England on the 13th. Slightly cooler weather followed, but on the 14th a decidedly warm period set in, culminating on the 16th and 17th in remarkably high seasonal temperatures, especially along the Atlantic seaboard, where temperatures ranging from 60° to 70° were generally reported.

The 18th, 19th, and 20th were cold days with minimum temperatures, except along the coast, generally from 0° to -10° as far south as Pennsylvania and New Jersey.

The most pronounced cold period of the month, particularly in the northern part of the district, occurred from the 24th to the 26th, during which the minimum temperatures over the interior of New England, New York, and the northern part of Pennsylvania were continuously below zero. Bloomfield, Vt., reported -31° , Indian Lake, N. Y., -28° , and Lawrenceville, Pa., -22° on the 25th. The rise of temperature that followed this cold period was remarkably rapid and general and resulted in the highest temperatures of the month in most parts of the district on the 27th and 28th.

PRECIPITATION.

The average precipitation for the district was 3 14 inches, which is about 0.58 inch below the February normal. The distribution was quite uneven, the average amounts ranging from 4.31 inches in New York to 2.24 inches in Delaware and Maryland. As a rule the precipitation was greatest over the northern and least over the southern parts of the district. Most of the precipitation was in the form of snow and the fall was unusually heavy in New England and New York. The ground was generally well covered with snow, except in the southern part of the district, until the warm period of the 27th and 28th.

The month opened with fair and pleasant weather which continued until the morning of the 3d, when the movement of the storm eastward along the northern boundary of Pennsylvania to the Atlantic coast resulted in general rains over the southern and snow in the northern sections of the district. The snowfall from this storm was heavy, particularly in the central and northern parts of New England and over the northern part of New York, where it ranged in depth from 6 to 14 inches. Light precipitation occurred over the northern part of the district during the 4th and 5th, but elsewhere fair weather prevailed generally until the 9th. The first part of the second decade was unusually stormy, two storms of considerable energy passing over the North Atlantic States from the 9th to the 13th. The first moved eastward over northern New York and New England during the 9th and 10th while the second swept up the coast 2 days later. The first of these storms caused general precipitation, but only moderate amounts; but the second, having its origin in the region of the Gulf and moving up the coast, where the supply of moisture is unlimited, resulted in general and heavy, though not excessive precipitation, throughout its course. The precipitation from this storm was mostly in the form of snow and ranged from 3 to 6 inches in Virginia to from 8 to 20 inches in parts of Pennsylvania and New York. From the 13th to the 16th the weather was generally cloudy and threatening with light and scattered precipitation mostly in the form of snow.

The heaviest snowfall of the month occurred over the interior of New England and New York on the 16th and 17th, with the storm that passed eastward along the Canadian border. The snowfall from this storm ranged from 6 to 12 inches on the New England coast to 20 inches or over in the interior. Heavy sleet occurred at this time in central and southern New York, causing some interference with wire communication but no serious damage. In the southern part of the district the precipitation was generally light and in the form of rain or sleet.

General precipitation in moderate amounts occurred during the 21st, 22d, and 23d followed by fair weather that continued until the 27th, when a period of unsettled weather accompanied with warm rains in all parts of the district set in. During the closing days of the month much of the large accumulation of snow on the ground was melted, and the water from the melting snow and the rains that occurred at this time caused a general rise, particularly about the headwaters of the principal rivers, that later resulted in damaging overflows in many localities.

RIVER CONDITIONS.

The rivers and streams remained practically stationary and at a moderately low stage until near the close of the month when the rapid melting of the snow on the ground and the accompanying rains caused freshets in the smaller tributaries. In most instances the damage that resulted was due directly to the formation of ice gorges. This was particularly the case at Herkimer and Little Falls, N. Y., on the Mohawk River, where

the water reached the flood stage on the 28th. While there was a general rise in all the principal rivers in the district at this time, dangerous stages were not attained until after the close of the month.

Binghamton, N. Y.—A flood warning was issued on Friday, February 25, the rivers at that time being low. A special edition of the weather map was printed and sent to the postmasters at Great Bend, Susquehanna, Lanesboro, Pa., and Bainbridge, N. Y., with instructions to distribute them to persons interested in the river situation. Conditions were expected to be the severest at those places on account of gorges then in the river. In this warning it was stated that the rivers would probably begin to rise Monday, February 28, and would rise rapidly to bank-full stages, but that very high water was not anticipated, except possibly in the vicinity of gorges.

On Saturday, February 26, the warning was repeated.

The rivers began to rise, as forecast, Monday morning and the following warning, based on the weather conditions at that time, was issued by telephone, telegraph, mail, and published in the daily papers. "The rivers will continue to rise and will reach higher stages than have been reached for several years past." This was followed by more detailed information as the flood progressed.

Bank-full stages were exceeded in parts of the district Monday night, but the crest of the flood did not pass Binghamton until 3 p. m., on Wednesday, March 2, when the Chenango gage read 21.5 feet, or 1.6 foot below the big flood of March 2, 1902, and the Susquehanna gage read 17.7 feet, or 2.2 feet below the flood of 1902.

The damage was mostly confined to below Norwich, N. Y., on the Chenango River and below Sidney, N. Y., on the Susquehanna River, up to and including Binghamton. Fifteen or twenty factories were flooded, houses were under water, wires prostrated, railroads covered, and the like. Three bridges were lost, having an actual value of \$28,500, but which it will cost about \$70,000 to replace. The estimated damage for the district is about \$100,000, and it is believed that fully \$50,000 were saved by the information and warnings from this Bureau.—*J. R. Weeks, Local Forecaster.*

Albany, N. Y.—Flood warnings were issued for Albany and vicinity at 8 a. m., February 28, 1910, and forecast was made that the river would pass above the flood stage (12 feet) during the afternoon of February 28 and would continue high for several days. On the morning of March 1 a forecast was made that the water would approach the 19-foot stage at Albany within the next 24 hours.

The warnings and the forecasts were given to the public through the telephone, the weather maps, the newspapers, and the newspaper bulletin boards.

The warning was amply justified, as the river rose steadily for 3 days and continued above the flood stage from late in the afternoon of February 28 till the night of March 8, except that it fell slightly below the flood stage during a portion of March 7.

Ice gorges formed below this city and on March 2 backed the water up to 18.3 feet at 5 a. m. in Albany and to 21.5 feet at 5 p. m., at Troy, this being 6.3 feet above the flood stage at Albany and 7.5 feet above at Troy.

The warning was so generally heeded that there was very little loss in this vicinity that could have been avoided.

The money value of property destroyed and damaged by the flood in the Hudson and Mohawk valleys will probably reach about a quarter of a million dollars.

There was no damage to crops, and there was little loss through erosion, the ground being frozen.

The money value of property saved by the flood warning was probably about \$75,000.

The loss occasioned by enforced suspension of business through the flood was large, owing to the fact that the water

was so high that it stopped all freight traffic; passenger service was seriously delayed and numerous electric lines unable to operate. Numerous factories from Utica to below Albany were closed and thousands were thrown out of employment.

The water filled the basement in the Federal Building.

An accurate estimate of the loss occasioned by this flood is not possible at the present time.—*George T. Todd, Local Forecaster.*

MISCELLANEOUS.

The average number of days on which .01 inch or more of precipitation occurred for the district was 9; clear days, 11; partly cloudy, 8, and cloudy days, 9.

The average amount of sunshine was somewhat greater than during the preceding month, the average for the district being 160 hours, which is about 53 per cent of the possible for the month of February. The total amount for the month was greatest, 193 hours, at Washington, D. C., and the least, 118 hours, at Eastport, Me.

There were 8 days during the month when the sunshine averaged 80 per cent or more of the possible, 12 days with an average between 20 and 80 per cent, and 8 days with an average of less than 20 per cent.

SNOWFALL OF THE WINTER, 1909-10, IN NEW YORK.

GEORGE W. MINDLING, Assistant Observer.

The snowfall of the current winter in New York has been unusually heavy, the total amount for the 4 months, November to February, inclusive, varying from about 2 feet in Long Island to more than 20 feet near the east end of Lake Ontario. The amount of the snowfall in various parts of the State is shown by Table 1.

TABLE 1.—Snowfall, in inches, for selected stations in New York, 1909-10.

Stations.	Year*	Total for 4 months.				Ten-year average.	Greatest daily snowfall.			
		Nov.	Dec.	Jan.	Feb.		Nov.	Dec.	Jan.	Feb.
<i>St. Lawrence and Champlain valleys:</i>										
Canton	1900	7.7	6.8	14.4†	17.1	46	5	1	7	4
Chazy		4.0	5.0	9.0	22.0	40	4	3	4	10
Moria		5.0	10.0	21.0	37.5	74	5	3	8	9
<i>Ontario and Adirondack region:</i>										
Adams Center	1899	8.5	94.0*	65.5†	85.0	253	157	4	14	6
Blue Mountain Lake		6.0	33.0	25.0	44.0	108	3	12	6	12
Lake Placid Club		10.0	33.6	36.2	50.5	130	5	8	6	11
Moreshouseville		6.0	29.5	25.0	50.0	110	3	4	6	12
Nehasane		12.8	66.0	30.0	57.8	176	7	12	10	13
Oswego	1899	6.6	42.1*	27.1†	39.6*	115	74	4	13	6
Palermo		4.0	62.3	57.4	56.9	181	4	24	30	24
<i>Western New York:</i>										
Addison	1893	4.5*	5.5	25.0*	30.0*	65	36	4	3	8
Auburn		5.0	23.0	30.0	32.0	90	3	6	9	14
Avon	1899	T.	10.5	18.5†	26.0*	55	36	T.	4	5
Binghamton	1899	3.2	6.9	30.6*	17.1	58	43	2	4	12
Brockport	1899	2.0	9.5	18.5	38.0*	68	2	2	7	10
Buffalo	1901	4.6	25.9*	42.6*	43.7*	117				
Franklinville	1897	3.4	16.2	26.6	26.8†	73	64	2	2	8
Ithaca	1887	4.2	10.3	22.8†	21.2	58	48	4	4	6
<i>East-central New York:</i>										
Albany	1899	0.4	15.5†	14.0†	25.1*	52	37			
Buckville	1897	7.0	17.5	20.0*	25.5	79	82	5	4	6
Cooperstown	1897	3.0	14.0	33.5*	41.0*	92	58	8	8	13
Glen Falls	1897	3.0	16.3	25.5	34.5†	79	56	2	10	6
Gloversville	1897	7.5	23.5	31.5	53.0*	116	78	4	10	6
<i>Southeastern New York:</i>										
Carmel		2.0	13.0	17.0	15.0	47	40	2	12	6
Mohonk Lake		3.2	11.0	18.0	25.0	57	57	2	6	10
New York	1899	1.0*	11.4†	16.0†	5.3	34	26	1	9	13
Setauket	1897	T.	4.5	14.0†	3.0	22	23	T.	2	10

* Greatest amount for the month in the records available for comparison.

† Exceeded but once in the records used for comparison.

‡ Year in which records available for comparison begin.

A 10-year average for the 4 months above named has been computed for 15 selected, representative stations, and, from the values obtained, it appears that the total snowfall of the 4 months ranged from 20 to 60 per cent. above the normal, except in Long Island, where the amount was nearly equal to the 10-year average. As compared with a true normal, the

TABLE 1—*Climatological data for February, 1910. District No. 1, North Atlantic States.*

TABLE 1—Climatological data for February, 1910. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.	Number of rainy days, 0.1 inch or more.	Number of partly cloudy days.	Number of cloudy days.			
<i>New York—Cont'd.</i>																				
Bedford.	Westchester.	450	19	28.4	+ 3.0	55	28	- 5	7	34	3.15	- 0.93	0.75	8.5	8	16	5	7	Do.	
Binghamton.	Broome.	875	19	22.6	- 2.1	54	28	- 8	25	35	2.57	+ 0.67	0.88	17.1	14	7	5	16	U. S. Weather Bureau.	
Bouckville.	Madison.	1,350	13	18.8	+ 0.7	45	28	- 20	7	31	4.30	+ 1.35	0.79	25.5	12	5	8	15	L. W. Griswold.	
Boys Corners.	Putnam.	580	28	22.1	- 3.5	50	16 ¹	- 10	7	36	5.03	+ 0.57	1.31	15.0	12	13	3	12	Thomas Manning.	
Carmel.	Columbia.	500	18	22.1	- 3.5	50	16 ¹	- 10	7	36	5.03	+ 0.57	1.31	15.0	12	13	3	12	n.w.	
Chatham.	Otsego.	470	9	22.1	- 1.8	54	28	- 12	7	34	3.05	- 0.67	0.67	22.0	11	14	5	9	Do.	
Cooperstown.	Saratoga.	1,250	56	18.8	- 1.8	46	28	- 14	7	40	6.68	+ 4.20	1.95	41.0	10	10	9	9	Morton R. Tank.	
Corinth.	Cortland.	542	8	18.8	- 2.7	46	28	- 12	25	40	3.36	+ 1.06	0.75	30.5	13	10	6	12	G. Pomeroy Keese.	
Cortland.	Cutchogue.	1,129	48	19.3	- 2.7	46	28	- 12	25	40	3.36	+ 1.06	0.75	30.5	13	10	6	12	A. M. Hollister.	
Cutchogue.	Suffolk.	32	33	34.3	+ 7.1	57	16	- 2	7	34	3.39	- 0.51	0.98	3.0	8	12	12	F. G. Baker.		
De Ruyter.	Madison.	1,300	7	20.0	-	45	28	- 19	7	38	4.49	-	0.76	27.5	13	6	10	12	Wm. A. Fleet.	
Easton.	Washington.	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B. D. Crandall.		
Elmira.	Chemung.	863	31	24.5	- 2.0	48	16 ¹	- 12	7	37	2.53	+ 0.88	1.40	-	6	9	8	11	H. Taber.	
Fort Hunter.	Montgomery.	280	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Gerty Bros.		
Fort Plain.	Warren.	316	6	20.8	-	51	27	- 11	7	39	3.70	-	0.73	31.5	13	14	4	10	C. E. Wing.	
Glens Falls.	Fulton.	340	19	18.4	- 0.8	48	16	- 17	7	44	5.06	+ 2.21	0.90	34.5	12	10	6	12	Abram Devendorf.	
Gloversville.	Saratoga.	850	18	17.8	- 0.4	47	28	- 17	7	40	5.63	+ 2.43	0.93	52.0	14	13	6	9	Pref. C. L. Williams.	
Greenfield Center.	Washington.	314	12	18.8	- 1.0	45	16	- 23	7	38	5.48	+ 2.37	1.20	34.5	13	8	6	8	W. L. McLean.	
Greenwich.	Delaware.	425	13	20.4	+ 2.4	48	21 ¹	- 25	7	38	4.66	-	1.03	21.0	13	10	12	S. E. Darrow.		
Griffin Corners.	Steuben.	2,200	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	I. V. H. Gill.		
Haskinville.	Cortland.	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Kelsey H. Kelly.		
Homer.	Rensselaer.	1,137	2	18.7	-	46	28	- 16	25	41	4.14	-	0.75	23.8	13	13	4	11	W. G. Collins.	
Hoosick Falls.	Hamilton.	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Charles C. Mortimer.		
Indian Lake.	Sullivan.	1,705	11	15.4	+ 0.3	49	28	- 29	11	49	5.37	+ 2.42	1.00	-	11	10	8	10	Lester Sevier.	
Jeffersonville.	Hamilton.	1,249	7	20.5	-	49	21	- 18	25	52	3.50	-	1.17	14.0	8	16	6	6	Chas. Wilpert, Jr.	
Lake Pleasant.	Sullivan.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Willet Larence.		
Liberty.	Sullivan.	2,300	28	19.6	- 1.8	47	28	- 14	6	39	5.20	+ 2.13	1.20	27.2	10	14	4	10	Dr. H. M. King.	
Little Falls.	Herkimer.	924	12	19.3	- 1.0	48	28	- 19	7	37	3.35	+ 1.68	0.71	41.0	10	10	8	8	O. J. Dempster.	
Mohonk Lake.	Ulster.	1,245	14	23.6	+ 0.2	52	28	- 10	7	30	7.06	+ 3.54	1.50	25.0	7	15	5	8	A. K. Smiley.	
Morehouseville.	Hamilton.	1,697	6	15.3	-	47	28	- 28	11	54	5.05	-	1.20	50.0	18	10	0	18	Theodore C. Remonda.	
Mount Hope.	Westchester.	203	13	29.2	+ 2.0	55	27	0	7	33	2.35	- 0.89	1.10	5.0	6	9	9	10	Wm. A. Cornelius.	
Newark Valley.	Tioga.	825	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M. D. Clinton.		
New Berlin.	Chenango.	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Roger Greene.		
New Lisbon.	Otsego.	1,234	20	17.2	- 1.8	46	28	- 20	7	48	4.19	+ 1.75	0.69	24.0	12	7	7	14	G. A. Gates.	
New York.	New York.	314	85	31.4	+ 2.7	59	28	2	7	20	4.07	+ 0.33	1.75	5.3	9	8	10	10	U. S. Weather Bureau.	
North Creek.	Warren.	1,002	2	17.0	-	49	16	- 23	19	48	5.35	-	1.58	33.5	6	11	8	9	W. G. Kenwell.	
Northville.	Fulton.	742	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P. C. Pickard.		
Norwich.	Chenango.	1,015	4	20.0 ^b	-	45	27	- 20	7	38	6.03	-	1.28	43.4	11	7	14	7	H. S. Hopkins.	
Oneonta.	Otsego.	1,112	16	22.7	+ 0.4	52	28	- 14	7	40	4.22	+ 1.46	0.86	22.0	11	15	2	10	H. W. Lee.	
Oxford.	Chenango.	916	45	20.2	- 2.3	43	28	- 26	7	44	4.78	+ 2.18	0.85	34.0	14	6	11	11	John P. Bavis.	
Port Jervis.	Orange.	470	26	25.0	- 0.2	51	21	- 9	7	42	3.47	- 0.05	1.14	25.0	10	9	6	13	Prof. John M. Dolph.	
Salisbury.	Herkimer.	1,526	13	16.6	- 0.7	43	27 ¹	- 24	7	48	6.61	+ 4.18	1.78	31.0	12	12	9	7	Joseph Ryan.	
Scarsdale.	Orange.	314	11	25.4	-	53	27 ¹	- 10	25	48	2.96	-	1.03	0.70	15.0	7	16	4	8	H. P. Ramsdell.
Seatauket.	Westchester.	200	6	29.6	-	57	27	- 2	7	33	3.05	-	1.20	11.0	5	14	6	8	C. H. Wilmarth.	
Sherburne.	Suffolk.	40	25	30.8	+ 1.3	54	21	- 1	7	39	2.96	-	1.15	0.90	3.0	8	14	5	9	Selah B. Strong.
Southampton.	Chenango.	36	9	30.8	-	51	18	- 1	7	26	3.20	-	1.42	22.5	11	10	2	16	E. B. Collins.	
Southeast Reservoir.	Suffolk.	36	9	30.8	-	51	18	- 1	7	26	3.17	-	1.42	22.5	11	12	4	12	W. L. Jagger.	
Spier Falls.	Saratoga.	310	15	19.9	19.3	49	16	- 26	7	43	6.17	-	1.05	32.0	11	15	4	9	Thomas Manning.	
Trenton Falls.	Oneida.	751	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	W. F. Anderson.		
Tribeshill.	Montgomery.	208	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C. W. Young.		
Utica.	Oneida.	537	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R. S. Marshall.		
Wading River.	Suffolk.	112	4	23.2	0.0	52	28	- 11	25	45	5.27	+ 1.29	0.93	22.0	14	11	9	8	W. E. Young.	
Wappingers Falls.	Dutchess.	110	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H. B. Fullerton.		
Warwick.	Orange.	538	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H. C. Townsend.		
Waverly.	Tioga.	824	28	21.0	- 2.9	47	27 ¹	- 19	25	58	3.13	+ 1.18	1.00	18.3	11	5	11	12	John H. Sly.	
West Berne.	Albany.	946	11	21.1	+ 1.8	53	28	- 19	25	50	2.55	- 0.20	0.80	25.0	7	13	3	12	Hon. J. F. Shoemaker.	
West Point.	Orange.	167	61	24.8	+ 3.6	56	17	- 3	7	32	3.50	+ 0.19	0.90	10.0	6	18	6	4	W. J. Haverly.	
Windham.	Greene.	1,520	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Maj. Chas. M. Gandy.		
<i>Pennsylvania.</i>																				
Altoona.	Blair.	1,181	23	26.4 ^d	+ 2.6	51 ^d	27	- 34	7	35 ^d	2.18	- 0.18	0.67	5	-	-	-	-	C. W. Billin.	
Bethlehem.	Northampton.	260	-	-	-	55	28	- 7	7	30	5.36	-	1.19	8.0	8	11	4	13	Prof. E. C. Roest.	
Clearfield.	Clearfield.	1,107	2	24.2	-	52	2	- 12	19	47	4.51	-	1.46	13.2	8	14	5	9	Raymond C. Ogden.	
Emporium.	Cameron.	1,050	23	24.2	- 0.6	49	16	- 12	25	43	4.11	+ 1.13	0.85	21.8	13	8	10	10	T. B. Lloyd.	
Ephrata.	Lancaster.	384	10	28.4	+ 1.1	57	28	- 3	7	31	4.15	+ 0.78	1.30	8.3	12	9	6	13	W. L. Frantz.	
Everett.	Bedford.	1,080	12	28.4	+ 3.2	55	16 ¹	- 2	7	40	2.20	-	0.27	0.45	9.5	10	5	14	B. L. Steckman.	
George School.	Bucks.	600	36	20.0	- 0.3	56	16	3	7	33	3.78	+ 1.01	0.75	10.2	12	7	7	14	Prof. A. C. Smedley.	
Gettysburg.	Adams.	804	6	26.2	-	52	28	- 4	7	42	4.02	-	0.86	13.0	11	13	4	11	Col. E. B. Cope.	
Hamburg.	Schuylkill.	330	14	28.5	+ 0.7	52	28	- 3	7	29	4.02	+ 0.62	1.18	8.2	9	17	2	9	Capt. J. G. Johnson.	
Harrisburg.	Dauphin.	361	22	29.2	- 0.7	53	27 ¹	- 2	7	29	3.54	+ 0.84	0.84	9.9	11	9	8	W. J. Kalbach.		
Huntingdon.	Huntingdon																			

TABLE 1—Climatological data for February, 1910. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeted.	Number of rainy days, 0.1 inch or more.	Number of partly cloudy days.	Number of cloudy days.			
New Jersey—Cont'd.																				
Bayonne.	Hudson.	50	20	30.6	+ 0.1	60	27†	- 2	7	27	2.88	- 0.96	0.83	4.5	10	6	12	nw.	J. H. Eadie.	
Belvidere.	Warren.	289	19	27.2	- 0.2	46	16	- 2	7	37	3.45	- 0.65	1.24	7.5	7	10	8	10	S. J. Hixon.	
Bergen Point.	Hudson.	37	13	31.0	+ 0.6	61	28	1	7	27	3.24	- 1.15	0.94	7.0	10	8	10	nw.	Dr. W. H. Mitchell.	
Boonton.	Morris.	413	20	33.8 ^b	- 0.1	69	28	2	7	33	2.20	- 2.04	0.83	4.0	9	10	8	10	F. G. McIntosh.	
Bridgeton.	Cumberland.	30	29	33.8 ^b	- 0.1	69	28	2	7	33	2.20	- 2.04	0.83	4.0	9	10	8	10	H. A. Jordan.	
Burlington.	Burlington.	12	26							3.00	- 0.74	1.19	4.3	9	10	8	10	nw.		
Canton.	Salem.	24	16							1.42	- 2.56	0.45	4.0	10	10	8	10	nw.		
Cape May.	Cape May.	17	26	33.8	- 0.3	53	16	7	7	22	2.33	- 0.98	0.78	1.3	11	9	8	11	w.	
Charlotteburg.	Passaic.	719	18	27.2	+ 1.8	53	16†	- 4	7	40	4.09	- 0.39	1.05	10.5	9	10	9	10	U. S. Weather Bureau.	
Chatham.	Morris.	234	8							2.88	-	0.70	7.3	11					G. S. Briggs.	
Clayton.	Gloucester.	126	17	33.4	+ 1.7	65	27†	2	7	33	1.58	- 2.32	0.78	3.0	10	9	9	9	M. A. Butler.	
College Farm.	Middlesex.	100	15	30.0	- 0.2	61	27†	0	7	31	2.58	- 0.95	0.57	3.0	11	10	9	9	W. T. Thrasher.	
Culver's Lake.	Sussex.	848	9							4.07	-	0.92	18.1	12	10	9	9	D. E. Riker.		
Dover.	Morris.	575	26	26.2	0.0	52	28	- 2	7	29	4.81	+ 0.57	1.13	12.5	10	7	11	10	W. C. Harris.	
Elisabeth.	Union.	33	31	31.5	+ 1.1	60	28	2	7	24	2.88	- 1.38	0.75	5.0	10	8	10	nw.	W. M. Oliver.	
Flemington.	Hunterdon.	187	23	29.6	+ 0.9	57	27†	1	7	32	3.45	+ 0.06	0.70	7.0	9	10	9	9	H. E. Deats.	
Friesburg.	Salem.	100	18															H. C. Perry.		
Haddonfield.	Camden.	75	16	32.8	+ 1.3	65	27	1	7	31	2.38	- 0.94	0.78	2.0	9	9	10	9	C. F. Richardson.	
Hammonton.	Atlantic.	80	12							1.48	- 1.96	0.65	3.1	11					Orville Bassett.	
Hightstown.	Mercer.	86	18	31.7	+ 1.6	63	27	2	7	32	2.95	- 0.79	0.87	4.0	9	10	9	9	Ernst Wenger.	
Imlaystown.	Monmouth.	106	24	31.6	+ 0.7	63	28	2	7	32	3.56	- 0.02	1.70	3.0	9	11	7	10	Dr. F. C. Price.	
Indian Mills.	Burlington.	76	21	33.6	+ 1.5	66	27	1	7	37	1.39	- 2.63	0.48	2.0	9	9	10	9	James Armstrong.	
Jersey City.	Hudson.	15	12	31.2	0.0	61	28	2	7	23	4.09	- 0.10	1.53	5.0	10	9	9	S. K. Pearson, Jr.		
Lakewood.	Ocean.	54	8															H. R. Major.		
Lambertville.	Hunterdon.	95	24	31.0	+ 0.6	60	27†	1	7	32	2.85	- 0.69	0.88	6.5	9	10	9	9	W. R. Bowne.	
Layton.	Sussex.	550	11	23.2 ^a	- 0.9	50	21†	- 11	19	43					10	9	9	9	W. C. Hursch.	
Little Falls.	Passaic.	175	7							4.35	-	0.98	6.2	10					A. Sweetman.	
Long Branch.	Monmouth.	30	3	33.0		58	16	2	7	29	2.54	-	1.04	2.0	9	10	9	9	R. B. Bobbit.	
Mahwah.	Bergen.	312	8							3.47	-	0.88	10.0	12					C. L. Barker.	
Morestown.	Burlington.	71	48	32.6	+ 1.6	65	27	2	7	32	2.42	- 1.21	0.79	3.3	10	8	10	nw.	J. C. Beans.	
Newark.	Essex.	140	67	31.0	+ 1.2	60	27†	0	7	27	4.10	+ 0.42	1.15	6.1	10	8	10	nw.	Prof. Wm. Wiener.	
New Brunswick.	Middlesex.	61	57	31.3 ^b	- 0.1	61	28	7	7	31			6.0		10	9	9		W. T. Woerner.	
Newton.	Sussex.	673	31	25.6	- 0.1	50	28	- 6	7	37	4.47	+ 0.64	1.19	14.5	10	10	8	10	B. H. Kienbaum.	
Northfield.	Atlantic.	3								1.95	-	1.22	3.4	12					W. L. Flick.	
Oceanic.	Monmouth.	16	24	33.6 ^b	+ 1.8	63	27†	1	7	33	2.11	- 1.85	0.70	7.0	9	10	8	10	Prof. C. E. Dietz.	
Paterson.	Passaic.	110	39	29.8	- 0.4	57	27	0	7	27	4.07	- 0.33	1.15	6.0	9	7	11	10	H. A. Probert.	
Phillipsburg.	Warren.	106	13	27.8	- 0.6	51	27†	- 1	7	30	4.64	+ 0.64	1.24	11.0	10	8	10	w.	D. W. Smith.	
Plainfield.	Union.	100	24	30.2	0.0	59	28	1	7	29	3.79	- 0.12	1.22	0.5	10	9	9	9	John Neagle.	
Pleasantville.	Atlantic.	26	12															L. Van Gilder.		
Pompton Plains.	Morris.	195	8							4.38	-	1.16	9.0	11					M. S. Taylor.	
Rancocas.	Burlington.	68	47							2.75	- 1.26	0.75	3.2	9	11	6	11	nw.	Spencer Haines.	
Rivervale.	Franklin.	70	19	28.0 ^b	0.0	60	27	- 1	7	34	3.24	- 1.03	1.20	7.5	9	11	7	10	G. S. M. Holdrum.	
Rumney.	Middlesex.	18	4															J. H. Cottrell.		
Somerville.	Somerset.	76	27	30.0	0.0	61	27	2	7	30	3.41	- 0.14	1.00	5.0	10	10	8	10	P. Hardcastle.	
South Orange.	Essex.	200	40	29.2	+ 0.2	59	27	0	7	26	3.77	- 0.25	0.90	5.5	11	11	7	10	Dr. W. J. Chandler.	
Sussex.	Sussex.	442	20	26.0	- 0.2	50	21	- 4	7	40	4.44	+ 0.90	0.90	15.0	9	10	8	10	Prof. W. H. Seeley.	
Trenton.	Mercer.	60	38															E. R. Cook.		
Tuckerton.	Ocean.	23	17															F. R. Austin.		
Vineland.	Cumberland.	118	41	34.4	+ 1.9	67	28	2	7	32	1.06	- 2.73	0.84	2.0	10	11	7	10	Alfred Chalmers.	
Woodbine.	Cape May.	43	19															Prof. R. D. Maltby.		
West Virginia.																				
Bayard.	Grant.	2,500	8	28.2		58	28	- 2	7	46	3.02	-	0.60	16.0	14	6	8	14	w.	Solomon Clark.
Burlington.	Mineral.	875	15	32.0	+ 3.5	67	27	7	7	40	1.80	- 0.90		17.0	5	2	20	6	nw.	J. W. Vandiver.
Franklin.	Pendleton.	3	33.3			61	16	7	7	43	1.84	-	0.75	8.0	4	13	8	7		
Lost City.	Hardy.	4	33.0			58	28	6	7	38	2.10	-	1.10	6.0	4	12	7	9		
Martinsburg.	Berkley.	435	19	29.8	+ 1.1	58	16†	6	7	38	2.79	+ 0.42	0.70	7.0	6	16	6	6	nw.	G. W. Van Metre, C. E.
Moorefield.	Hardy.	900	14	34.4	+ 4.3	65	16	- 5	18	46	2.05	- 0.57	1.00	10.0	6	3	19	6	nw.	John C. Fisher.
Romney.	Hampshire.	824	14	30.1	- 0.3	64	16	- 6	7	42	2.04	- 0.23	0.87	10.5	6	14	11	3	nw.	John C. Lithicum.
Upper Tract.	Pendleton.	1,233	12	34.1	+ 4.0	62	16	7	7	42	3.40	+ 0.50	0.80	14.0	9	4	15	9	nw.	J. M. Mallow.
Maryland.	Anne Arundel.	45	32	33.7	- 0.6	65	15	8	7	28	1.81	- 2.02	0.70	6	14	7	7	7	nw.	W. M. Abbott.
Bachmans Valley.	Carroll.	860	17	30.4	+ 3.0	58	27	2	7	26	3.43	- 0.94	1.05	3.5	10	11	10	7	s.	U. S. Weather Bureau.
Baltimore.	Baltimore.	115	40	34.8	+ 0.2	67	18	8	7	27	2.28	- 1.23	0.71	3.8	9	13	7	8	nw.	T. E. Keenan.
Cambridge.	Dorchester.	25	12	37.3	+ 2.2	74	28	8	7	36	2.24	- 2.09	0.73	7.0	7	14	6	8	nw.	J. E. Burbank.
Cheltenham.	Prince George.	230	10	35.7		70	28	7	7	32	1.30	-	0.70	2.0	9	10	12	6		
Chester.	Queen Anne.	15	1																	
Chestertown.	Kent.	83	25	34.6	+ 2.8	68	28	6	7	31	1.58	- 1.65	0.47	2.0	9	15	9	4	nw.	Hon. M. de K. Smith.
Chewsville.	Washington.	530	13	30.6	+ 2.6	57	28	5	7	32	3.23	+ 0.57	0.85	5.5	8	6	8	13	nw.	D. Paul Oswald.
Clear Spring.	... do.	650	13	28.0	+ 0.9	54	16†	4	7	34	3.70	+ 0.39	1.00	10.0	8	10	8	13	w.	W. W. Frantz.
Coleman.	Kent.	80	12																	
College Park.	Prince George.	170	20	34.2	+ 1.7	67	16	7	7	36	1.23	- 2.73	0.63	5					nw.	Prof. H. J. Patterson.
Cumberland.	Alleghany.	700	36																	J. W. Frantz.
Darlington.	Harford.	300	18	31.4	+ 1.8	66	28													

MONTHLY WEATHER REVIEW.

FEBRUARY, 1910

TABLE 1—Climatological data for February, 1910. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmetted.	Number of rainy days, .01 inch or more.	Number of partly cloudy days.	Number of clear days.
<i>Maryland—Cont'd.</i>																	
Van Bibber.	Harford.	100	13	30.3 ^a	- 0.1	60 ^b	16	4 ^c	7	42 ^c	2.32	- 0.02	0.65	7.0	9	4	J. Benj. Ford.
Westernport.	Allegany.	1,000	16	32.2	+ 3.9	61	27	5	7	33	2.19	- 1.13	0.68	3.5	11	14	Prof. O. H. Bruce.
Woodstock.	Baltimore.	392	36	34.1	+ 1.7	65	27	5	7	32							Rev. A. J. Donlon, S. J.
District of Columbia.	District of Columbia.																
Washington.		112	40	34.7	+ 0.2	68	16	8	7	28	2.20	- 1.22	0.83	3.4	9	11	U. S. Weather Bureau.
Delaware.	Newcastle.		8	33.5		65	28	3	7	32	0.57		0.20	2.0	4	17	H. Morton Price.
Dover.	Kent.		22	35.4	+ 0.3	70	28	4	7	47	1.84	- 1.72	1.24	2.0	5	17	Thos. F. Dunn.
Milford.	.do.		28	37.8	+ 3.6	73	28	5	7	32	1.91	- 2.27	0.68	6.0	9	13	C. J. Holzmueller.
Millsboro.	Sussex.		18	36.9	+ 3.8	73	28	5	7	37	1.82	- 2.24	0.81	3.0	10	18	Rev. L. W. Wells.
Seaford.	.do.		17	36.7	+ 3.8	72	28	6	7	37	1.16	- 2.73	0.28	3.0	8	15	E. B. Brown.
Virginia.																	
Culpeper.	Culpeper.	450	2	32.6		61	16	7	7	30	3.48		1.20	3.5	9	13	Col. H. C. Burrows.
Dale Enterprise.	Rockingham.	1,350	31	32.1	- 1.3	59	15 ^d	1	7	49	2.80	- 0.22	0.90	5.0	9	8	Rev. L. J. Heatwole.
Doswell.	Hanover.	134	9														Rich., Fdksbg & Pot. R. R.
Eastville.	Northampton.		15	41.0		73	17	13	7	29	2.12		0.83	5.2	11	16	Thos. B. Robertson.
Fredericksburg.	Spotsylvania.	100	21	37.0	+ 3.1	73	28	8	7	34	1.91	- 0.90	0.58	2.5	12	12	S. G. Howison.
Lincoln.	Loudoun.	500	9	33.0 ^e		61	27 ^f	4	7	30	3.02		0.84	6			Dr. Geo. Roberts.
Mount Weather.	.do.	1,726	6	29.0	+ 1.5	58	16	1	7	31	2.45	+ 0.12	0.83	4.1	11	13	U. S. Weather Bureau.
Nokesville (near).	Fauquier.	350	6														Andrew Low.
Quantico.	Prince William.	16	13	33.3		65	16	5	7	33	2.84		0.98	2.0	8	2	Rich., Fdksbg. & Pot. R. R.
Shenandoah.	Page.	937	9														Norfolk & Western Ry.
Staunton.	Augusta.	1,380	18	33.4	- 0.5	62	16	4	1	35	3.18	+ 0.25	1.10	4.5	7	15	Ernest Nothnagel.
Stephens City.	Frederick.	710	18	33.0 ^b	+ 2.5	65	16	4	7	30	1.82	- 1.16	0.63	2.0	7	7	B. T. Argenbright.
Warsaw.	Richmond.	180	18	37.2	+ 2.9	70	28	10	8	33	2.24	- 1.24	0.70	4.0	9	3	C. H. Constable.
Woodstock.	Shenandoah.	927	14	33.4	+ 3.1	61	16	6	7	36	2.32	- 0.48	0.77	8.3	11	16	Miss A. G. Miley.

^a, ^b, ^c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

* Precipitation included in that of the next measurement.

** Temperature extremes are from observed readings of the dry-bulb; means are computed from observed readings.

† Also on other dates.

‡ Separate dates of falls not recorded.

§ Data are from standard instruments not supplied by the U. S. Weather Bureau.

|| Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Estimated by observer.

¶ Precipitation for the 24 hours ending on the morning when it is measured.

** Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for February, 1910. District No. 1, North Atlantic States.*

Stations.	River basins.	Day of month.																														Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<i>Maine.</i>																																		
Bar Harbor	Coast	.17	.48	.25	T.			T.	.55		.10	.10			T.	.20	.40			.40	T.	.45			T.	.130							5.40	
Cornish	Saco	.50	.80	T.				.47		.80					T.	.40	.75			.72	.35	.10			.14	.16						5.19		
Danforth	Penobscot	.06	.08							.15		.50				T.		.85			.40	.20										2.48		
Debsconeag	do	.06																																
Eastport	Coast	.06	.61	.13		.09			.22	.17		.05	.07			.09	.52	.26			.64	.17	.18				.21	.45				4.52		
Fairfield	Kennebec																																	
Farmington	do		.11	.19							.20		.70			T.	.48				.60	.12				.37	.20				2.97			
Gardiner	do		.13	.33	.02				.30		.90	.04				.23	.80			.76	.18				T.	.11				4.30				
Greenvile	do		.20	.10	.20	T.		.05	.10	T.	.90	T.	T.	T.	.12	.30	.55	T.	.31	.04	.16		T.	.16	.32				3.51					
Houlton	St. John																																2.00	
Lewiston	Androscoggin	.43	.53	.02					.27		.66	T.				.34	.81			.67	.21	.09									4.24			
Madison	Kennebec	.11	.52	.04				* .28			.58	.06				.05	.41			.31	.11										2.69			
Millinocket	Penobscot	.03	.03	.08	T.	T.		.23			.12	.93	T.	T.	T.	.10	.85			.30	.38	.10	.03	T.							3.56			
North Bridgton	Saco	1.10		.02					.31			1.01									.51	.95	.27								4.48			
Orono	Penobscot		*	.60					.18			.70									.05	.70	.30								3.42			
Oquossoc	Androscoggin	10		.60								.80																				4.05		
Patten	Penobscot		.05	.10								.89	.20				.20	.50														3.34		
Portland	Coast	.79	1.00	T.			.32			T.	1.02	T.			T.	.38	.15			.01	.54	.41	.07				.02	.13			4.84			
Presque Isle	St. John																																	
Rumford Falls	Androscoggin	.49	.16	.02			T.	.08	T.		.71	T.			T.	.11	.30	.42			.06	.09	.05				.10	.09			2.68			
The Forks	Kennebec	.28		.20			.15				.85										.35		.18			* .60				3.32				
Winslow	do		*	.35								.60										.55	.15				*	.16			2.41			
<i>New Hampshire.</i>																																		
Alderd Center	Connecticut	.29	.36	T.			T.	.17			.48						.60	.70			.41	.43	.01				.13	.23			3.81			
Benton	do	.46		T.			T.			.48	.11	T.	T.				.93			T.		.35									2.95			
Bethlehem	do	.30	.20	.10			.05			.30	.10						.20	.40			.25	.20	.10							2.90				
Brookline	Merrimac	* .100					.05				.120							.50			.25	.50									3.65			
Concord	do	.48	.44				.32				.00					T.	T.	.07	.09		.03	.41	.54	T.							4.77			
Durham	do		.76								.81							.67													2.94			
Franklin	do	.45	.79	T.				.39			.75	T.				T.	.54	.65			.53	.33	.11								4.60			
Grafton	do	.40					.30				.89	.05					* .120			.65	.30	T.									4.35			
Hanover	Connecticut	.23	.79				.17			.51	.04	.01				.31	.53			.18	.27	T.								3.55				
Keene	do	.20					T.	.25			.67						.65	.79			.65	.35	T.								4.03			
Nashua	Merrimac	* .122					.31			* .60						T.	.89	.54			T.	.42	.63								6.12			
Newton	do	.06	1.38				.32			.98						T.	1.07														4.69			
Plymouth	do		.47	.52	T.			.37			.51						.07	.24	.55												3.77			
<i>Vermont.</i>																																		
Bloomfield	Connecticut	.09	.17	.05				.14			.20	.06				.04		.12	.50			.33	.16								2.73			
Cavendish	do	.47	.19	T.			.40			.59	T.						.44	.66			.26	.20								3.60				
Chester	do	.50	.40				.12			.75							.08	.20	.40			.18	.20	.08						3.81				
Jacksonville	do	.15					.01			.10	.06	.01	.07			1.00	.30	.10			.20	.10							2.65					
Manchester	Hudson	.57	.09				.13									T.	.49	.70			.29									2.99				
St. Johnsbury	Connecticut	.56	.71	.11			T.	.04			.63	.04	.05	.03	T.	.13	.70			.14	.05	.25							4.55					
Vernon	do	.55		T.			.45			.21						T.					T.	T.								2.17				
Woodstock	do		* .138				.34			.81							.06					.46								4.86				
<i>Massachusetts.</i>																																		
Amherst	Connecticut	.18	.04				.51			.16	.94						.01	* .152			T.	.68	.47	.01						5.08				
Ashland	Merrimac	.65					.24				.131							.90					.46	.53							4.95			
Bakers Bridge	do	.46					.30			.83								.73					.52	.33							3.25			
Bedford	do	.67					.09			.104							.27	.74					.48	.54							4.00			
Blue Hill	Coast	.65					T.			.19		.18					T.	.19	.61			T.	.34	.40	.01					4.03				
Boston	do	.21	.29				.10			.09	.151	.07						.19	.52				.26	.32	T.					3.44				
Chestnut Hill	do	.80	.25				.21			.152	.03						.92					.09	.49	.57						5.89				
Clinton	Merrimac	T.	.04				.31			.89								* .02					.44	.54						4.57				
Concord	do	.58					.26			.111							T.	.25	.78			.52	.52	.04						4.18				
Fall River	Coast	.18	.20				.30			.154	.10							.50	.90			.25	.37						4.55					
Fitchburg	Merrimac	.09	.52				.12			.25		.105						.40	.80			.50	.28						4.18					
Framingham	do		.47				.23				.164							.92					.49	.52						5.10				
Haverhill	do		.06				.26			.146							.39	.34				.39	.24	.16						3.85				
Hingham	Coast		.53				.22			.148							* .84					.44	.55</											

TABLE 2.—*Daily precipitation for February, 1910. District No. 1—Continued.*

Stations.	River basins.	Day of month.																														Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
<i>Connecticut—Cont'd.</i>																																			
Farmington.	Connecticut.																																		4.43
Hartford.	do.	.11	.02	T.						.33	.03	.68	.43					T.	.54	.45		T.	.72	.65	T.		T.	.48					3.98		
Hawleyville.	Housatonic.									.66		.70							.89				.95	.40										4.80	
Lake Konomoc.	Coast.									.35		1.35							.43	.23		T.	.37	.47	T.									4.37	
New Haven.	do.	.15	.08	T.						.34	T.	.35	.74						*	.74			.61	T.										3.69	
New London.	do.									.33		1.37							.15	1.30			.34	.40									3.67		
North Grosvenordale	do.									.50								.25	*	.72			.64											3.46	
Norwalk.	do.									.08								.25	1.20			T.	.80										3.80		
Southington.	do.									.20								.25				T.	.80										2.90		
South Manchester.	Connecticut.									.39		*	.45					.42	*	1.27			.35	1.18				T.	.56				4.62		
Storrs.	Coast.									.04								.49	.81			.70			.81	.27	.58						3.94		
Torrington.	Housatonic.									.25								.31	.85			T.	.71			.30	.15	.10		T.	.45		3.02		
Voluntown.	Coast.									.16	T.							.34	1.13	.05		.73			.35	.24	.47						4.56		
Wallingford.	do.									.22								.34	1.28			.82			.82	.60	T.						4.27		
Waterbury.	Housatonic.									.17		*	.52	1.00					T.	.92			.84	.58			*						4.33		
West Simsbury.	Connecticut.																																		
<i>New York.</i>																																			
Addison.	Susquehanna.	T.	.25	.05	.02	T.				.08	T.	T.	.98	T.				T.	.08	.51	.42		.01	.42				.07	.17				3.06		
Albany.	Hudson.	.01	.58	.08	T.				.05	T.	.09	.67	.02					T.	.80	.12		.01	.14	.48	.01			.12	.11				3.29		
Alfred.	Susquehanna.									*	.95	T.						*	.85			T.	.46	.34	T.								5.40		
Amsterdam.	Mohawk.									T.	.36	T.						.02	.22	*	.08	T.	.45			.20	*	.49				4.37			
Athens.	Hudson.									.08								.08	1.11	T.	T.	T.	*.146									5.24			
Ballston Lake.	do.									.87	.05							.31	.07	.70			.75									3.15			
Bedford.	Coast.									.13								.60	.28	T.	T.	T.										2.57			
Binghamton.	Susquehanna.									.24		.01	.01					.10				.04	.57	.10								4.30			
Bouckville.	do.									.50		.15						.60	.10			.27	.35									4.30			
Carmel||.	Hudson.									.18								.56	*	.31			.03	.60	.67								5.03		
Chatham.	do.									.02	.25	T.						.17		.51			.32	.33	.06							3.05			
Cooperstown.	Susquehanna.	20	1.30							.26		*	.90							1.95			.05	.80	.30							6.68			
Corinth||.	Hudson.									.35																							5.42		
Cortland.	Susquehanna.									.45		.10	.05					.01		.75											3.36				
Cutchogue.	Coast.									.15	T.							.09	.40			T.	.98			.12	.47					3.39			
De Ruyter.	Susquehanna.	*	.55	T.	.03					.04		*	.60	.13	T.			T.	.46	.52		*	.18	.36	.10		*	.76	.72		4.49				
Easton.	Hudson.		.76															.15	*	.64			*	.80	*	.15						3.92			
Elmira.	Susquehanna.																	.10				.10										2.53			
Fort Hunter||.	Mohawk.									.57		.18	T.					.01		.73	T.	T.										3.76			
Fort Plain.	Hudson.		*	.80								*	.28	*	.80	.06			*	.25	.40		*	.27	.25	.20			*	.75	.90		5.06		
Glens Falls.	Mohawk.									.80		.12	.20					.24		.93			.65	.50							5.63				
Gloversville.	Hudson.									.85								.18		1.20			.60								5.48				
Greenfield Center.	Hudson.									.65		.35						.01	.11			.46	.64								4.66				
Greenwich.	do.																	.20																	
Griffin Corners.	Delaware.																	.19	.13	1.20			.50									3.12			
Haskinville.	Susquehanna.																	.21				T.	.42												
Homer.	do.									.55	T.	.03	.23	T.				.08	.06	T.	.75	.15	T.	.07	.42	.46						4.14			
Hoosick Falls||.	Hudson.	*	.06	.50														*	.06	T.	.31	.14		*	.21	.06	.05	*	.16	.06	.50		3.80		
Indian Lake.	do.		.60															*	.12		1.00			.20	.15	.95						5.37			
Jeffersonville.	Delaware.																	.31	T.	.43	T.											3.50			
Lake Pleasant.	Hudson.																																		
Liberty.	Delaware.																	.31		1.12	.95	T.	.12									5.20			
Little Falls.	Mohawk.																	.40		.18	.12	T.	.36									3.85			
Mohonk Lake.	Hudson.																	.75		1.30			.15									7.06			
Morehouseville.	Mohawk.																	.05	.20		.70	.10	.35		.20						5.05				
Mount Hope.	Coast.																	.20	T.	.50												2.85			
New Berlin||.	Susquehanna.																	.15		.05											3.39				
New Lisbon.	do.																	.17														2.96			
New York.	Coast.																	.20	T.	.40	.80		T.	.25	.09	T.	.17	.45			4.19				
North Creek.	Hudson.																	.14														4.07			
Northville||.	do.																	.27		.49												0.72			
Norwich.	Susquehanna.																	.21														6.03			
Oneonta.	do.																	.40		.27												4.22			
Oxford.	do.																	.40		.10			</td												

TABLE 2.—*Daily precipitation for February, 1910. District No. 1—Continued*

TABLE 2.—*Daily precipitation for February, 1910. District No. 1—Continued.*

TABLE 3.—*Maximum and minimum temperatures at selected stations, February, 1910. District No. 1, North Atlantic States.*

MONTHLY WEATHER REVIEW.

FEBRUARY, 1910

TABLE 3.—Maximum and minimum temperatures at selected stations, February, 1910. District No. 1—Continued.

Date.	New Jersey.								Maryland.								Virginia.											
	Atlantic City.		Hightstown.		Newton.		Phillipsburg.		Martinsburg, W. Va.		Baltimore.		Darlington.		Frederick.		Washington, D. C.		Millsboro, Del.		Culpeper.		Fredericksburg.		Staunton.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1...	36	27	35	23	39	13	33	24	35	23	35	27	34	23	35	25	35	21	36	27	35	27	35	20	39	14	38	4
2...	48	24	44	22	43	18	43	23	44	17	50	29	44	21	44	25	57	22	48	23	50	21	42	12	56	39	51	16
3...	42	37	47	27	36	21	38	26	42	19	44	33	41	26	40	20	46	31	46	33	54	32	40	32	52	31	46	30
4...	40	28	40	26	40	20	40	25	43	26	44	30	39	25	44	28	41	24	46	28	44	29	44	25	49	31	44	24
5...	37	24	35	27	32	20	35	20	37	26	39	26	39	25	39	25	38	28	40	25	43	23	40	26	47	27	41	20
6...	24	5	29	13	20	—	2	20	17	26	9	29	11	25	8	30	11	25	9	33	12	33	16	41	18	21	19	
7...	24	3	20	2	18	—	6	19	1	32	6	27	8	23	1	23	7	34	5	30	7	36	8	40	8	40	8	
8...	38	24	46	14	39	9	40	13	45	7	48	23	41	2	40	19	49	16	48	24	47	17	42	17	48	19	47	12
9...	45	31	39	32	40	19	35	23	45	9	41	31	39	24	37	28	42	29	40	30	54	31	36	29	38	30	44	30
10...	44	27	40	30	36	23	37	23	35	28	40	30	37	27	39	29	44	24	39	27	54	25	37	23	44	24	39	26
11...	34	23	31	16	25	5	23	12	26	10	30	23	31	16	29	19	29	15	28	22	33	18	33	16	33	11	26	17
12...	38	32	35	20	33	12	34	20	34	17	38	27	35	19	36	20	29	15	41	24	45	31	40	21	45	24	37	16
13...	33	24	34	20	30	17	31	19	32	19	32	21	32	17	33	20	28	16	34	23	35	24	37	16	40	19	34	12
14...	38	24	37	16	38	15	38	18	42	21	43	25	37	16	44	18	42	21	45	24	44	22	42	20	46	19	42	17
15...	46	36	40	26	40	20	41	27	44	26	47	37	42	32	40	33	48	34	53	36	58	35	49	31	60	36	55	34
16...	48	38	53	35	47	34	46	35	58	36	67	43	61	38	59	34	54	35	68	44	66	45	61	38	69	48	62	42
17...	46	36	48	30	39	19	36	25	37	34	46	35	50	32	41	32	42	32	48	36	70	51	49	34	62	42	55	44
18...	48	22	32	23	32	15	34	15	27	19	41	21	38	21	36	21	34	17	39	20	60	24	41	32	42	26	44	22
19...	28	16	31	13	27	3	28	9	32	13	31	18	30	12	34	16	36	12	36	16	34	17	33	14	35	14	31	11
20...	43	23	44	14	36	3	38	9	33	13	38	22	35	15	32	17	37	14	36	17	45	18	31	15	32	14	40	14
21...	49	40	54	33	48	30	49	34	40	16	49	37	53	33	39	32	50	19	43	33	55	32	41	30	44	31	52	21
22...	55	36	48	33	38	29	41	28	51	32	55	37	53	33	52	33	45	36	55	36	56	38	54	35	60	38	51	36
23...	44	23	43	27	33	16	35	16	37	29	41	26	43	25	40	26	38	25	40	26	49	26	43	28	51	29	48	35
24...	26	20	30	15	23	2	25	10	31	20	29	22	27	18	30	20	34	19	29	23	27	23	33	23	34	25	35	22
25...	30	17	38	13	30	1	27	11	31	15	32	18	28	14	30	16	34	13	31	19	32	20	33	18	37	19	36	17
26...	41	22	45	13	39	2	43	13	49	15	42	24	42	18	44	20	50	19	43	24	45	15	44	16	47	17	47	21
27...	46	40	63	32	46	33	51	35	58	21	64	37	60	35	58	35	61	44	63	35	65	32	53	34	66	32	58	24
28...	49	42	61	49	50	40	51	43	55	31	63	52	66	48	58	49	59	40	65	56	73	36	80	48	73	58	59	47
29...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	40.0	26.6	40.4	23.0	35.6	15.5	35.9	19.8	39.1	20.5	42.2	27.5	40.3	22.4	39.3	24.4	41.6	22.8	42.7	26.7	47.6	26.2	41.5	23.8	47.4	26.5	43.7	23.0